

**CIRCUIT, METHOD AND SYSTEM FOR PROVIDING
ONE OR MORE PHASE VOLTAGES FROM INPUT VOLTAGES**

ABSTRACT OF THE DISCLOSURE

The present invention provides a phase voltage circuit. In one embodiment, the phase voltage circuit includes a line voltage stage coupled to at least three input voltage lines and configured to provide at least two corresponding line voltages. Additionally, the phase voltage circuit also includes a difference voltage stage coupled to the line voltage stage and configured to provide at least one phase voltage from the at least two corresponding line voltages.